

# **UTAH DEPARTMENT OF TRANSPORTATION**

## **Region Two**

**2010 South 2760 West  
Salt Lake City, Utah 84104  
(801) 975-4900  
FAX (801) 975-4886**

The Utah Department of Transportation (UDOT) is divided into four regions covering the entire state. The 360-plus employees of Region Two are responsible for coordinating transportation projects from initial design through construction and maintenance.

These dedicated employees are located at the Region Two headquarters and in 21 maintenance stations throughout Salt Lake County, Summit County and Tooele County. Region Two includes densely populated urban areas along the Wasatch Front, and sparsely populated rural and desert lands. The terrain ranges from the high altitudes of Summit County to the Salt Flats of Tooele County.

The information in this Customer Guide serves a dual purpose - to assist our customers, and assist Region Two employees as they provide services to those customers. The Customer Guide is also available in hard copy, but is updated regularly on Region Two's web site.

We welcome comments and suggestions for improvement. Please call (801) 975-4805 or E-mail to [janjohnson@utah.gov](mailto:janjohnson@utah.gov).

**To report a problem (potholes, striping, litter, weeds, etc.) call Customer Service,  
(801) 975-4900**

**To report traffic signal problems, call the Traffic Operations Center, (801) 887-3700**

**Randall R. Park, P.E., Region Two Director  
(801) 975-4805, [rpark@utah.gov](mailto:rpark@utah.gov)**

**Jason Davis, P.E., Region Two Deputy Director  
(801) 975-4806, [jasondavis@utah.gov](mailto:jasondavis@utah.gov)**



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## ADMINISTRATIVE SERVICES

This division administers the following programs:

Accounting - accounts payable and receivable, travel, budget, payroll, warehouse inventories, petty cash fund, motor pool management;

Customer Service – reception, telephone, customer service log

**Teresa Johnson, Region Administrative Manager**

**(801) 975-4901**

**[teresajohnson@utah.gov](mailto:teresajohnson@utah.gov)**



# PUBLIC INVOLVEMENT

UDOT is committed to using public input to develop transportation solutions. Effective public involvement (PI) means building a strong partnership with the public to facilitate the exchange of project related information.

## The PI Team

With assistance from the UDOT Communication Office, Region Two's PI team keeps the public up to speed on UDOT transportation projects.

## Public input is essential

PI begins in the planning phase and extends through design and construction of a project. Public participation during this stage can impact road location, alignment, overall look or whether or not a road is even built.

During the construction phase, the PI team makes sure the public has access to information about the project schedule and impacts to the roadway.

## Getting Involved

The PI Team uses the following tools to keep the public informed and involved:

- Public meetings
- Surveys
- Focus groups
- Project Web sites
- Presentations to community groups and organizations
- Project open houses
- Newsletters
- Committees
- Neighborhood workgroups
- Individual meetings with concerned citizens

## Where to Go When You Need to Know

Motorists need to know about road conditions and construction projects. UDOT offers the following resources for current information:

- [www.udot.utah.gov](http://www.udot.utah.gov) - general department information and project-specific information and Web sites
- [www.commuterlink.utah.gov](http://www.commuterlink.utah.gov) - real-time traffic and road condition information online
- 511 Hotline - real-time traffic and road condition information over the phone
- Region Two Customer Service, (801) 975-4900 - general resource for transportation issues in Salt Lake, Summit, and Tooele Counties

**Catherine Higgins, Public Involvement Coordinator**  
(801) 975-4823, [chiggins@utah.gov](mailto:chiggins@utah.gov)

**Evelyn Tuddenham, Public Involvement Coordinator**  
(801) 975-4958, [etuddenham@utah.gov](mailto:etuddenham@utah.gov)



## PROJECT MANAGEMENT

Our project managers are responsible for scope, schedule, budget and quality of a project during concept, environmental, design, construction and initial maintenance phases. The project manager coordinates with Environmental, Structures, Geotechnical, Right of Way, Design, Public Involvement, Construction, Maintenance and various other divisions to ensure a project's successful completion.

They are the central point of contact on projects for the public, cities, counties and others with interest in a project. They also provide oversight for local government agencies during the delivery of their federally funded transportation program.

The project manager coordinates various contracting methods, using pool contracts or request for qualifications for design and either low bid, design build, or construction manager general contractor for construction delivery. They also ensure implementation of innovations such as accelerated bridge construction, continuous flow interchanges and movable barrier.

**A listing of projects and studies is available on UDOT's web site**

[www.udot.utah.gov/go/projectsandstudies](http://www.udot.utah.gov/go/projectsandstudies)

**Additional project delivery information is available in the Project Delivery List**

[www.udot.utah.gov/go/pdl](http://www.udot.utah.gov/go/pdl)

**For questions or comments regarding Project Management please contact**

**Joe Kammerer, Program Manager, UDOT Region Two**

**(801) 887-3435, [jkammerer@utah.gov](mailto:jkammerer@utah.gov)**

### **UDOT Region Two Project Managers**

NAME	OFFICE	E-MAIL
Huot, Ben	887-3401	<a href="mailto:bhuot@utah.gov">bhuot@utah.gov</a>
Montoya, John	887-3409	<a href="mailto:johnmontoya@utah.gov">johnmontoya@utah.gov</a>
Parry, Mark	887-3637	<a href="mailto:moparry@utah.gov">moparry@utah.gov</a>
Tang, Peter	887-3459	<a href="mailto:ptang@utah.gov">ptang@utah.gov</a>
Taylor, Ritchie	887-3631	<a href="mailto:ritchietaylor@utah.gov">ritchietaylor@utah.gov</a>
Vacant	887-3647	
Young, Dan	975-4819	<a href="mailto:danielyoung@utah.gov">danielyoung@utah.gov</a>
Zundel, Matt	887-3421	<a href="mailto:mzundel@utah.gov">mzundel@utah.gov</a>

# PRECONSTRUCTION

## Preconstruction Engineer

**Bill Lawrence, Region Preconstruction Engineer, (801) 975-4816, [billlawrence@utah.gov](mailto:billlawrence@utah.gov)**

The Region Two Preconstruction Engineer wears many hats. He is the first point of contact for design issues. This engineer functions as a technical and non-technical coach, quality and resource manager, team leader and evaluator. He provides the technical vision for the Region and maintains quality control. A project history is maintained through him. Ultimately, all responsibility for the following teams falls on his shoulders.

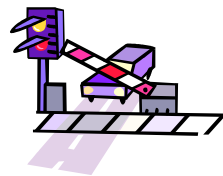
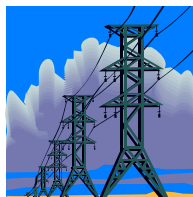
## Roadway Design

Contacts:	<b>Paul Vidmar</b>	<b>Lead Design Engineer, Squad 1</b>	<b>(801) 975-4804</b>
	<b>Ken Talbot</b>	<b>Lead Design Engineer, Squad 2</b>	<b>(801) 887-3469</b>

The Roadway Design Group comprises thirteen engineers and technicians. Their primary function is the design of roadway projects. They also assist consultants, local governments and Permits by providing needed technical expertise.

The Lead Design Engineers lead the technical aspects of projects. They coach the team members, assist in determining staffing needs and workload capabilities. They are responsible to meet the design activity schedules and design budget for each individual project. They complete Quality Control and Quality Assurance.

## Utilities and Railroads



Contacts:	<b>Ray Meldrum</b>	<b>Utility/Railroad Coordinator</b>	<b>(801) 975-4836</b>
	<b>Vicki Townsend</b>	<b>Contract Specialist</b>	<b>(801) 975-4994</b>

The Utilities and Railroad personnel for the Preconstruction section are responsible for reviewing all highway and bridge projects that involve utilities and railroads. They authorize the preliminary design engineering for relocations and prepare and execute all required relocation agreements for utility and railroad companies. Their other tasks include preparing cooperative and other agreements with municipalities relating to UDOT highway projects as requested by the Maintenance and Construction sections. They certify all projects for advertising. This means all agreements have been prepared and that all clearances have been obtained.

## **Right of Way/Survey**

Contacts:      **Jerry Timmins, Right of Way Supervisor, (801) 975-4849**  
                     **Shawn Debenham, Land Surveyor, (801) 887-3412**

The function of the Right of Way/Survey section is to support, and implement the policies and procedures for the proper Right of Way design affecting all state roads within the Region as set forth by the Utah Department of Transportation. Their many functions include the preparation of Right of Way maps and plans that correctly identify the Right of Way and its relationship to the centerline or control line of the road. These are the people who write the descriptions to facilitate the acquisition of real property in order to accommodate new state highway design and/or improvements on existing state highways. They provide oversight and review for outside consultants who are hired to design and prepare right of way plans and documents on state highway projects which would include the above listed tasks. The Right of Way team also provides assistance to the general public, local engineering and surveying firms by way of answering questions on state road rights of way and/or providing copies of existing right of way maps and plans which depict the right of way on state routes within the Region.



## **Environmental**

Contacts:	<b>Brandon Weston</b>	<b>Environmental Manager</b>	<b>(801) 887-3420</b>
	<b>Vacant</b>	<b>Archeologist/Cultural Specialist</b>	<b>(801) 975-4923</b>
	<b>Mason Palmer</b>	<b>Landscape Architect</b>	<b>(801) 975-4970</b>

The role of the Region Environmental Manager is to ensure region transportation projects comply with the National Environmental Policy Act (NEPA) and all applicable state and federal laws. These responsibilities include determining the appropriate level of study, contacting the regulatory/resource agencies and other stakeholders and inviting them to be involved in the process, so they may provide input and comments regarding proposed projects. He reviews all environmental documents associated with the Region. The Region Environmental Manager is also responsible for overseeing compliance with environmental commitments and proper implementation of mitigation measures into projects, including tracking success after the project is complete.

The Region Archeologist directs UDOT regional activities ensuring legal compliance with the National Environmental Policy Act, the National Historic Preservation Act, and related federal and state laws and regulations; he serves as the regional manager and subject matter expert regarding environmental protection and historic preservation as related to UDOT activities. As the NHPA

Specialist he performs and/or reviews the project level cultural, archaeological, and/or paleontological analysis and provides cultural, archaeological, and paleontological clearances for Region Two. He verifies that all Region projects comply with state and federal historical, archaeological, and paleontological laws.



The Landscape Architect conserves or creates environments that provide safety, aesthetics and resource protection along Utah's roadways. Landscape is an integral part of the preservation and development of the rural and urban scenery and a successful highway system. Landscape design requires knowledge of aesthetically pleasing indigenous plants as well as unwanted exogenous noxious plants. The Landscape Architect also serves as the natural resource specialist, and is responsible for compliance with the Clean Water Act and the Utah Pollution Elimination System. Our purpose is to address the transportation need, while striving to make our projects an asset to the community and keeping the transportation system compatible with the natural and built environment.

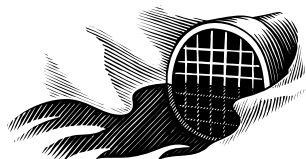


## **Hydraulics**

Contacts: **Sovann Ok**  
**Robb Edgar**

**Hydraulics Engineer (801) 975-4955**  
**Hydraulics Engineer (801) 887-3402**

The region hydraulics group is involved in all region issues associated with drainage. This includes design and/or design review for new construction projects, and reviewing permit applications that include connections to UDOT's drainage system.





## DISTRICT ENGINEER

Region Two has the leadership responsibilities for the construction and maintenance activities divided into two districts. The West District is defined as Tooele County and the southwest areas of Salt Lake County. This district is led by Betty Purdie. The East District comprises Summit County and the northeast areas of Salt Lake County. This district is led by Rob Wight.

**Betty Purdie, Region Two West District Engineer, (801) 975-4951, [bpurdie@utah.gov](mailto:bpurdie@utah.gov)**  
**Rob Wight, Region Two East District Engineer, (801) 975-4851, [rwight@utah.gov](mailto:rwight@utah.gov)**

## CONSTRUCTION

Construction responsibilities include:

Oversee and administer work contracted to private contractors in the field of highway construction;  
Surveying, clearing and excavating, construct new roads and highways;  
Major rehabilitation of existing roads and highways, bridges, etc.;  
Ensure all work performed by contractors meets established UDOT standards;  
Continuous testing and inspection for compliance with UDOT specifications;  
Preparation and review of estimates;  
Certification of quantities;  
Survey activity;  
Complete projects on schedule and within budget.

Innovative Contracting Methods:

- A+B – the contractor works at an accelerated schedule and is awarded \$\$ incentives for early completion;
- Lane Rental – the contractor “rents” lane closures in order to complete work items, which gives the contractor an incentive to impact traffic as little as possible;
- Design Build – allows the contractor the flexibility of designing and constructing the project concurrently, thereby accelerating the construction schedule.

Region Two is entirely committed to partnering with our contractors, which ensures efficient processes and a cost-effective, quality project within a short amount of time;  
Coordinate with local governments and utility companies to evaluate needs for the placement or upgrade of utilities in areas of road construction, i.e. power lines, sewer, water and gas lines, etc.;  
Address needs of the public and keep their inconvenience to a minimum;  
Address unforeseen issues and problems through partnering, change orders, etc.;  
Focus on work zone safety on behalf of the motoring public, contractors and employees;  
Provide employee training to enhance skills in survey, materials testing, construction inspection and office responsibilities;  
Provide quality product for our customers and stakeholders.

Refer to UDOT’s web site, [www.dot.utah.gov](http://www.dot.utah.gov), for information regarding upcoming and ongoing construction projects in Region Two.

## MAINTENANCE

Maintenance responsibilities include maintaining state roads within the counties of Salt Lake, Summit, and Tooele. It is the purpose to preserve and repair a roadway system with its elements to its designed or accepted configuration. System elements include travel way surfaces, shoulders, roadsides, drainage facilities, signs, pavement markings, snow and ice removal. Our job is to ensure the public a safe, well maintained facility on which to travel. In addition to road maintenance, is maintenance of signs, fences, guardrails, structures, and taking care of vegetation within the right of way.

### Area Maintenance Supervisors

In Region Two, there are four area supervisors who manage maintenance activities for their respective areas. This includes the supervision of 19 maintenance station foremen, scheduling preservation of surfaces on highways, and addressing concerns from the traveling public.

**Jack Mason, Jr., West Area Supervisor**  
Stations 221, 222, 223, 224, 241

**Todd Richins, East Area Supervisor**  
Stations 235, 236, 237, 238, 245

**Kevon Ogden, East Metro Area Supervisor**  
Stations 225, 230, 234, 244

**Rick Debban, South Metro Area Supervisor**  
Stations 227, 231, 232, 233

The special crews work region-wide, they are:

Sign/Guardrail, Station 244; Graffiti/Landscape, Station 245; Carpentry/Electrical Crew, Station 248; Mechanics, Station 241.

### Avalanche Forecasters

There are four avalanche forecasters who work for Liam Fitzgerald, Canyon Snow Safety Manager. This section monitors resources and tests snow pack structure, stability conditions, and material strength. They monitor and evaluate weather, assess, forecast, and monitor avalanche hazard. They implement avalanche control measures, and maintain scientific and electronic instrumentation.

**Liam Fitzgerald, Avalanche Forecaster, (801) 742-2927, [station2449@utah.gov](mailto:station2449@utah.gov)**



## Adopt-A-Highway

The Adopt-A-Highway program is offered by UDOT and allows volunteers to help keep the Utah State roads clean. It is a two-year voluntary commitment to clean up litter on two miles of highway or state road, with a minimum of three cleanups per year. To recognize the group's efforts, UDOT erects a sign with the group's name on the section of adopted highway.

UDOT provides litter bags, collects the filled bags, and provides safety instructions.

**How to Participate** – complete and return the application form furnished by the Adopt-A-Highway Coordinator. UDOT will send you a contract to sign and return. For questions and information, contact Michelle Lindgren, Adopt-A-Highway Coordinator, (801) 975-4950, [mlindgren@utah.gov](mailto:mlindgren@utah.gov)



## Sponsor-A-Highway

UDOT's highest priority strategic goal is "taking care of what we have." In a further effort to achieve this goal, UDOT has developed the Sponsor-A-Highway Program to supplement the existing Adopt-A-Highway Program.

The Sponsor-A-Highway Program is a no-cost-to-the-state contract that allows private companies to sponsor a contractor to maintain segments of eligible roadway. The contractor will install a standard sign along each sponsored roadway segment with the corresponding sponsor's logo attached to the sign.

For more information about UDOT's Sponsor-A-Highway Program, contact: Lynn Bernhard, P.E., Maintenance Methods Engineer, (801) 964-4597, [lynnbernhard@utah.gov](mailto:lynnbernhard@utah.gov)





## **MATERIALS LAB**

The responsibilities and functions of the Region Materials Laboratory:

### **Daily Activities:**

- Attend preconstruction meetings - ensure material quality is designed into the project;
- Provide technical materials support during design and construction;
- Independent Assurance (AI) testing - ensure qualified testing personnel, equipment and procedures are used for all project related materials;
- Prepare materials specifications and special provisions - ensure the best and most appropriate materials specifications are used on projects;
- Concrete mix design review - ensure proper materials and mix designs are used on construction projects;
- Concrete acceptance testing - ensure proper concrete strength;
- Hot mix asphalt mix design review - ensure proper materials and mix designs are used on construction projects;
- Hot mix asphalt and concrete plant inspection - ensure that proper mixing and batching processes are used by materials suppliers;
- Pavement coring - ensure proper pavement thickness for project acceptance; determine project specific pavement rehabilitation strategies;
- Pavement trenching - determine project specific pavement rehabilitation strategies;
- Process reviews – conduct reviews of materials related documentation on all current UDOT and local government projects.

### **Program Activities:**

- Nuclear safety program - ensure proper handling and transportation of radioactive testing equipment;
- Pavement management - optimize the health of the pavement network based on current funding stream;
- Pavement design - investigate specific pavement sections to ensure proper pavement design and rehabilitation selection.

### **Materials Quality Assurance for Highway Maintenance, Rehabilitation and Reconstruction**

All materials used for maintaining, rehabilitating or reconstructing roads are tested to ensure the desired engineering properties are achieved. Standardized test methods are performed by certified testing technicians and equipment. The results from the testing are then analyzed on a day to day basis to determine if the materials are accepted, accepted at reduced pay, reworked or rejected as spelled out by specification. All testing documentation is accumulated, reviewed and certified at the end of the construction project to ensure quality compliance has been achieved.

**John Butterfield, Materials Engineer, (801) 975-4926, [jbutterfield@utah.gov](mailto:jbutterfield@utah.gov)**

## **TRAFFIC OPERATIONS**

**Lisa Wilson, Traffic Operations Engineer, (801) 975-4827, [lwilson@utah.gov](mailto:lwilson@utah.gov)**

The Region Traffic Operations Engineer is responsible for many areas; all the responsibilities for the following areas fall under her leadership.

### **AREA TRAFFIC ENGINEERING**

This division oversees the Safety Spot Improvement Program, traffic control signing, and signal maintenance, as well as providing engineering support for the Preconstruction and Construction divisions, including work zone safety issues. This division also provides special events management, and provides guidance and administers standards for school zone safety issues.

**Northwest Area Engineer, Troy Peterson, (801) 887-3792, [tlpeterson@utah.gov](mailto:tlpeterson@utah.gov)**

**NW Assistant Engineer, Vacant, (801) 887-3759,**

**Southeast Area Engineer, Danielle Herrscher, (801) 887-3717, [danielleherrscher@utah.gov](mailto:danielleherrscher@utah.gov)**

**SE Assistant Engineer, Kelli Bacon, (801) 887-3786, [kbacon@utah.gov](mailto:kbacon@utah.gov)**

**Oanh Le, Signal Engineer, (801) 887-3605, [oanhle@utah.gov](mailto:oanhle@utah.gov)**

The Signal Engineer is responsible for signal design review, signal construction support, signal maintenance, detection, upgrades and overall function of the signal system.

### **Signal Maintenance**

**Guy Buckner, (801) 887-3785, [gbuckner@utah.gov](mailto:gbuckner@utah.gov)**

The signals crew is responsible for performing maintenance on all state owned traffic signals and flasher signals in Region Two. Responsibilities include replacement of signal heads, pedestrian heads, controller cabinets, detection elements and emergency call outs.

## **ENCROACHMENT & PERMITS OFFICE**

The Region Two Permits Office has four employees who work on encroachments and permits. The office deals with access issues, utility permits, billboards, illegal encroachments, special events, junkyards, various agreements, bus benches, house moves and complaints. The permits office is responsible for issuing permits to various companies for any work done in the UDOT right of way. They are also responsible for overseeing the inspections on all of the permit issued work. The main number for the permits office is: **(801) 975-4808.**

### **Obtaining an Encroachment Permit:**

To obtain a permit, contact the Permits Office at (801) 975-4808. The Permits Office will help you with the application process and the bonding process. There are two kinds of permits that are issued at this office – an access approval and an encroachment permit. All contractors who work on UDOT right of way must have an encroachment and permit bond on file in that region, with a minimum

amount of \$25,000.00, good for a period of at least three years. There is a guaranteed payment bond that may be requested for the coverage of inspections. Currently the permit fee varies from \$20.00 to \$400.00 depending on the project. An inspector may be assigned to the permit, which will be billed to the contractor. Please contact the Permits Office for further details regarding your project.

To obtain an Access Approval you will need to pay a review fee and provide the following information on a set of site plans that the Permit Office can review in their weekly meeting:

**1. A site plan including:**

The address of the property, including city and county, curb radius, proposed access width, distances from adjacent accesses and any accesses across the street, distance to any corner of any roadway, profile of accesses, curb and gutter detail to UDOT standards;

**2. Right of Way information including:**

Frontage length of the property, distances from the center line of the road to the property line (right of way line indicated), typical section that locates curb and gutter and sidewalk;

**3. Drainage site plan and calculations including:**

Existing and proposed drainage features, profile of the road you want to access, drainage will be contained on site (UDOT storm drain system cannot be used);

**4. Signing and striping sheets, Traffic Impact Study, and sight distance calculations if applicable;**

**5. Utilities:**

Layout of all existing and proposed utilities within the right of way.

All projects must be designed to UDOT Standard Drawings and Standard Specification, AASHTO, and the FHWA's Manual on Uniform Traffic Control Devices (MUTCD).

Plan approval will not be given until all required information is on the plan. A UDOT Access Permit is required prior to any work within UDOT right of way, but will not be issued until plans are approved by UDOT and local jurisdictions. Approval from the local jurisdiction must be in writing.

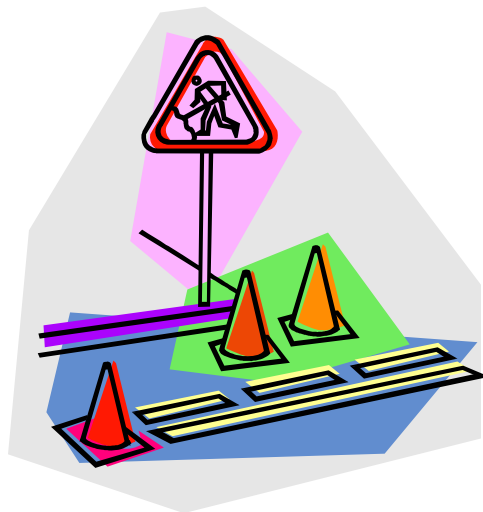
To obtain an Encroachment Permit you will need the following information:

**Excavation Detail** showing vertical and horizontal utility locations, trench detail, and traffic control plans in conformance with the MUTCD. All roadway crossing excavations are to be placed by **boring**. When boring is not possible, letters from **three companies** stating such shall accompany permit application. All lateral road crossings and longitudinal excavations of more than 100 ft. require a **Utility Line Agreement** accompanied by engineered plans showing horizontal and vertical location of utility. All excavations under pavement shall use **flowable backfill**. Fill material out of paved areas, shall be **select soils meeting UDOT specifications**. No native soils shall be allowed to be replaced in the trench. Soils shall be compacted to UDOT specifications (96% compaction on

shoulders). **Underground utilities** shall be buried a minimum of 3 ft. under pavement, 5 ft for shoulders, and 2 ft. under other surfaces. **Asphalt thickness** shall be a minimum of 6 inches or match existing asphalt thickness, whichever is greater. Contractors shall be **responsible** for any **UDOT property damaged** during construction, including signal damage.

This graph indicates the complaint decrease Region Two has experienced since implementing inspectors on the majority of permits issued from this office. The rate decrease of 52% is shown here in the graph.

**Mark Velasquez, Region Two Access Coordinator, (801) 975-4810, [mvelasquez@utah.gov](mailto:mvelasquez@utah.gov)**  
**Wes Eggleston, Region Two Permits Officer, (801) 975-4809, [jeggleston@utah.gov](mailto:jeggleston@utah.gov)**  
**Amber Mortensen, Region Two Permits Officer, (801) 887-8763, [akmortensen@utah.gov](mailto:akmortensen@utah.gov)**



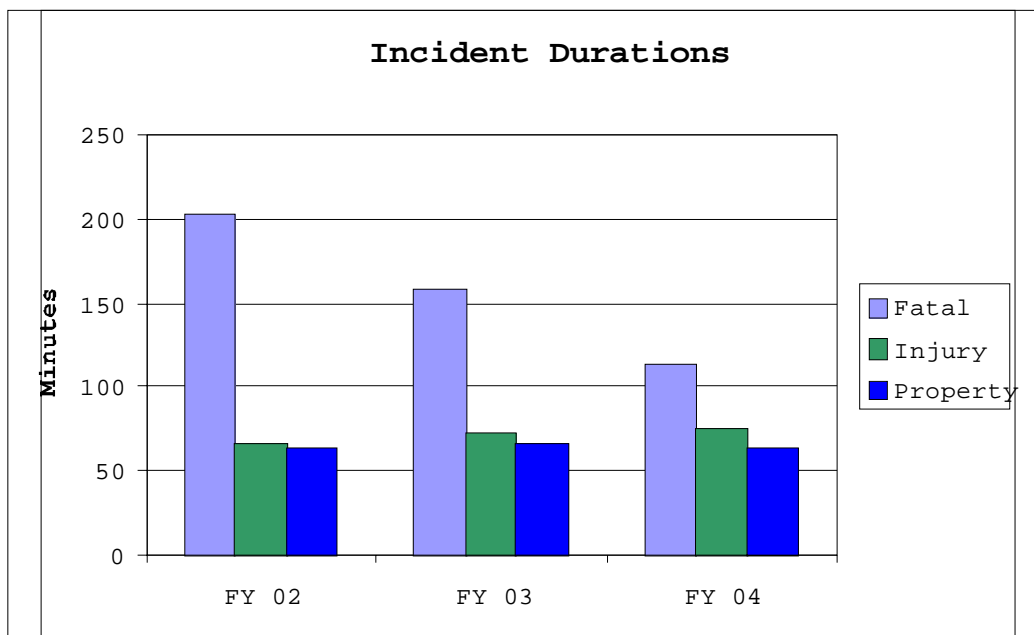
## INCIDENT MANAGEMENT TEAM

When an incident occurs, duration time has been reduced with the help of the Incident Management Team (IMT). IMT improves quality of freeway traffic flow and safety at incident scenes. Additionally, IMT reduces time to clear incidents by helping stranded motorists or assisting the Highway Patrol and other agencies.

**Incident Management Coordinator, Billy Frashure, (801) 887-3783**

## UDOT INCIDENT MANAGEMENT TEAM MISSION STATEMENT

Improve safety for motorists and respondents; reduce congestion and associated traffic delays on interstate and state routes by providing incident management services for the Utah Department of Transportation in cooperation with the Utah Department of Public Safety, the Utah Highway Patrol, local law enforcement agencies, emergency response personnel and Utah's traveling public.





## **SAFETY & RISK MANAGEMENT**

This office oversees all aspects of safety within Region Two. Some of the duties include:

Inspect state property to ensure compliance with federal and state standards to provide a safe environment for the traveling public and UDOT employees;

Investigate and document all fatal accidents, critical work zone accidents, hazardous spills and any potential liability incident on state right of way;

Investigate and document all employee accidents, injuries and state property losses;

Conduct Department safety training within the Region;

Research and document all Region claims from the public.

**Claims from the public should be directed to our claims specialist at (801) 975-4903.**

**Safety Coordinator:**

**Dottie Weese, (801) 975-4902, [dweese@utah.gov](mailto:dweese@utah.gov)**

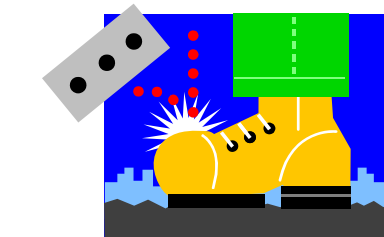
**Claims Specialist:**

**Travis Bair, (801) 975-4903, [travisbair@utah.gov](mailto:travisbair@utah.gov)**

The Department of Transportation is responsible for managing and protecting state properties, including the state highway system. Each employee must perform in such a manner that all property under his or her charge is managed in a way that risks and hazards are reduced to the lowest possible level. When a loss occurs, every employee involved must participate in the management of the incident to protect against unnecessary additional exposure and eliminate the potential for greater loss or injury. Our employees are committed to performance objectives which are designed to reduce liability claim losses, and industrial related or motor vehicle fleet accidents. All employees are responsible for their own safety and compliance with all state and federal standards.

Management provides guidance to establish an optimal balance between safe operations and loss reduction.

Operational effectiveness and safety of the state highway system including a safe work environment is our commitment and goal.



## TRAFFIC OPERATIONS CENTER

Although the Traffic Operations Center (TOC) is not a part of Region Two, it is located on the Region Two campus. The major purpose of the Traffic Operations Center (TOC) is to effectively manage the roadway system by mitigating growing traffic congestion and improving incident management activities along the Wasatch Front and across the state. This reduces delays, increases travel speeds, reduces travel times, increases safety, and reduces air pollution. The TOC is a focal point for multi-agency, public and private sector traffic management efforts. The system provides real-time information on traffic and road conditions to government agencies, the public, the media, and emergency response agencies. The TOC unites Salt Lake City, Salt Lake County, and UTA in managing the Salt Lake Valley traffic systems, as well as other agencies from around the state.

### TECHNOLOGY

The TOC utilizes many “high tech” devices to manage traffic. New devices are being installed, tested, and implemented monthly.

DEVICE	Installed
Traffic Cameras	521
Variable Message Signs	90
Traffic Monitoring Stations	243
On-line Traffic Signals	682
Ramp Meters	28
Remote Weather Information Systems	50
Highway Advisory Radio	11

### TRAFFIC SIGNAL COORDINATION

Traffic signal coordination is a process that optimizes the operation of signalized intersections through a variety of low-cost improvements, including the development and implementation of new signal timing parameters, phasing sequences, and improved control strategies. The retiming of traffic signals is one of the most cost effective ways to improve traffic movement and make streets safer. Some of the direct benefits of signal retiming are the reduced delay experienced by motorists, reduced fuel consumption and emissions, reduction in pavement wear and tear from less vehicle stops, reduced motorist frustration and improved safety. Efficient signal timing also minimizes diversion of traffic to local and residential neighborhoods.

Research shows typically, the benefit to cost ratio for signal retiming is about 40:1.

Recent studies by the University of Utah quantifying the benefits of UDOT’s Advanced Traffic Management System (ATMS) in the retiming of signals in the Salt lake Valley area show a reduction in delay of 11.4% in travel time and 24.9% reduction in vehicle delay. Overall, the annual delay benefits were estimated at \$100 million and the annual safety benefits estimated at \$23.3 million in just the Salt Lake Valley area alone.

Most of the traffic signals in the Salt Lake Valley are connected by fiber optics and brought back to the UDOT Traffic Operations Center. The communications to each signal give us the ability to see real time (per second basis) the operation of the traffic signal. In addition, we are able to make immediate changes remotely to better mitigate traffic congestion and traffic in and out of special sporting events.

### DEPARTMENT OF PUBLIC SAFETY

The Utah Department of Public Safety (DPS) Communications Bureau dispatching is located at the TOC. The TOC Operators and DPS Dispatchers, work together to identify incidents and get a response unit to the incident scene quicker.

## PUBLIC INFORMATION

The TOC provides information to the public with the use of the CommuterLink web site, the 511 Travel Information phone system, Variable Message Signs, Highway Advisory Radio (HAR), and E-mail alerts. Information is also shared with local radio and television stations.

**Clear Channel Broadcasting Radio** - The following stations broadcast traffic updates with information direct from the TOC:

KZHT (97.1 FM)	KOSY - FM (106.5)	KRRO (1600 AM)
KJMY (99.5 FM)	KALL (700 AM)	KUER - FM (90.1)
KNRS (570 AM)	KXRV - FM (105.7)	KMRI (1550 AM)
KODJ (94.1 FM)	KCPW - FM (88.3)	

**HAR** - The Highway Advisory Radio records and broadcasts messages in specific incident locations, updating the traveling public on current road conditions.

**Television** - All local news channels receive and broadcast live video feed of current roadway conditions from the TOC. Airwatch provides reports from the TOC during the local morning news on Channel 4.

**Commuterlink Internet Site** - The TOC's Internet site is located at [www.commmuterlink.utah.gov](http://www.commmuterlink.utah.gov). The Internet site has received more than a million hits per month. The Internet site contains the latest traffic alerts along with the ability to view current roadway conditions with the cameras, and to see traffic speeds on the freeways.

**511 Travel Information Telephone System** - 511 is the number to call for real time traffic and road condition information, as well as public transit and ferry information.

## ROADWAY WEATHER AND CONDITIONS

The Roadway Weather Information System (RWIS) detects and notifies maintenance stations of pavement conditions in their area. By utilizing RWIS, the department has managed winter operations more efficiently.

**Variable Message Signs (VMS)** are used to inform the traveling public of current roadway conditions that lie ahead. VMS may give information concerning current travel times, crashes, weather, congestion, construction, or other incidents.



The Traffic Operations Center, in conjunction with information from Construction, Maintenance, and Permits, is striving to improve safety and efficiency for the traveling public with the use of technology and improved communication.

If you see traffic impacts (including malfunctioning traffic signals) while in route, please notify the TOC Operators at (801) 887-3700.

**Dave Kinnecom, Traffic Management Engineer, (801) 887-3707, [dkinnecom@utah.gov](mailto:dkinnecom@utah.gov)**

### **TRAFFIC OPERATIONS CENTER COMMUNITY ART WALL**

Located in the lobby of the Department of Transportation's Traffic Operations Center (TOC), 2060 South 2760 West in Salt Lake City, is a rotating community art wall. Artists, youth groups and community art organizations are invited to take advantage of this exhibit opportunity. There is no entry fee and artists have the option to sell their work.

The art wall is highly visible to visitors, tour groups, business associates and transportation employees who really appreciate the rotation of fine art.

Artists interested in participating in a future exhibit, may send an E-mail to [toc-art@utah.gov](mailto:toc-art@utah.gov) or call **Liz Olschewski at (801) 887-3737 or Richard Shelley at (801) 887-3766.**



## **ORGANIZATIONAL CHARTS**

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## **PROJECT MANAGERS**

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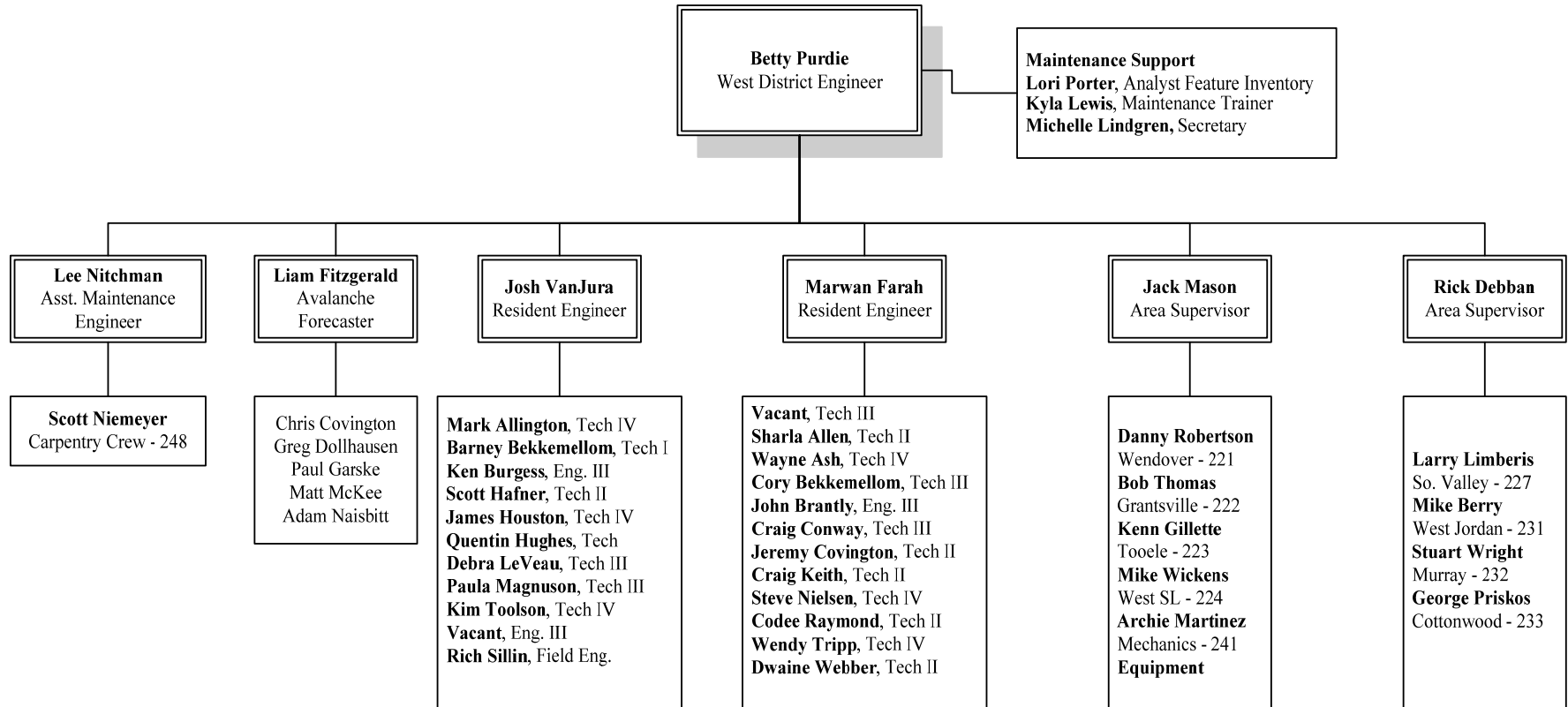


## **PRECONSTRUCTION**

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# Operations - West District





## **MATERIALS**

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## **TRAFFIC OPERATIONS**

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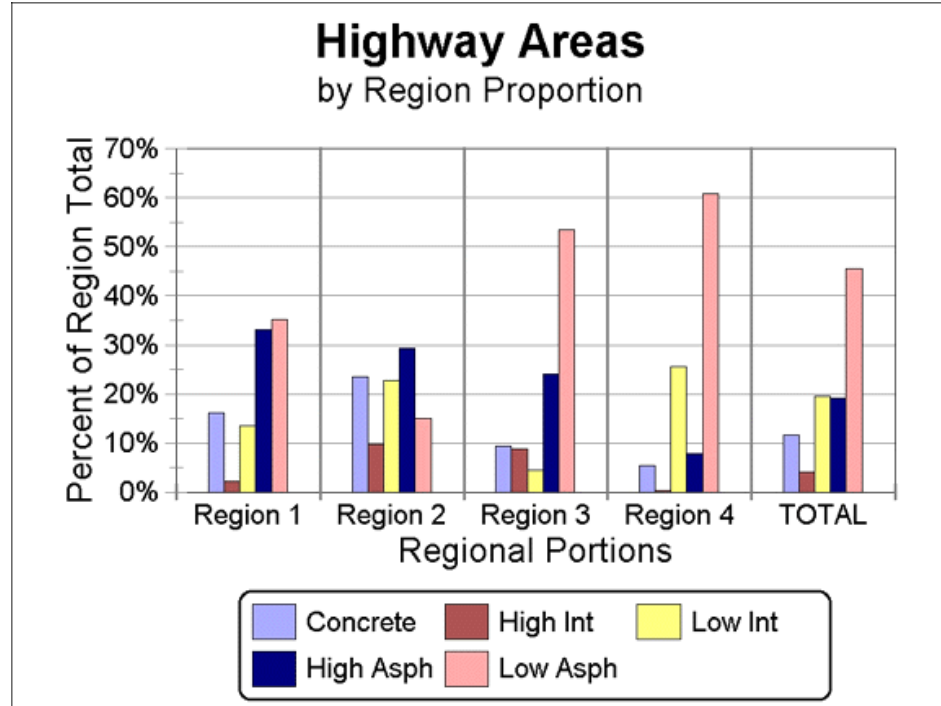
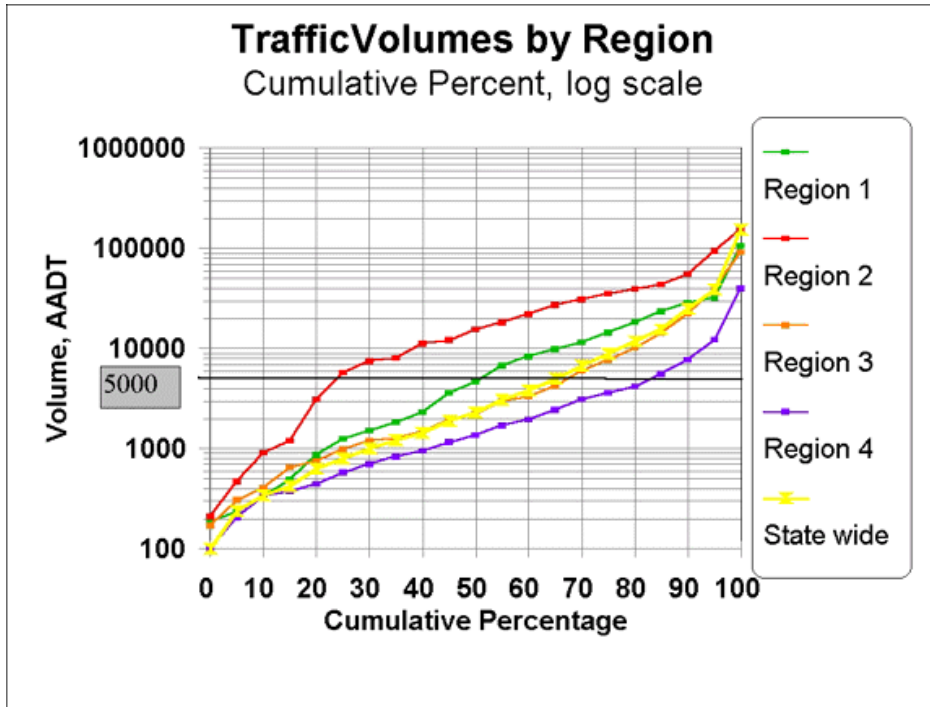
## **ADMINISTRATIVE SERVICES**

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## **TRAFFIC OPERATIONS CENTER**

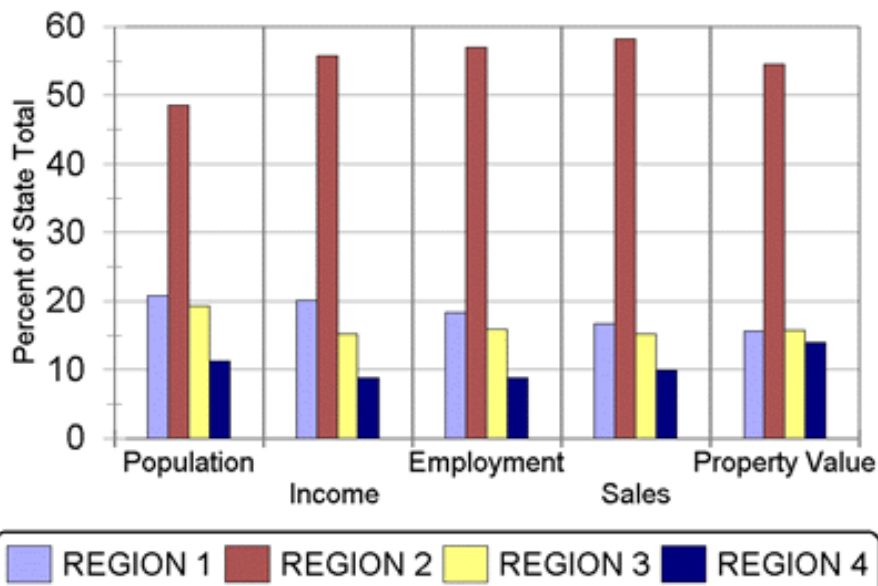
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## STATISTICAL CHARTS



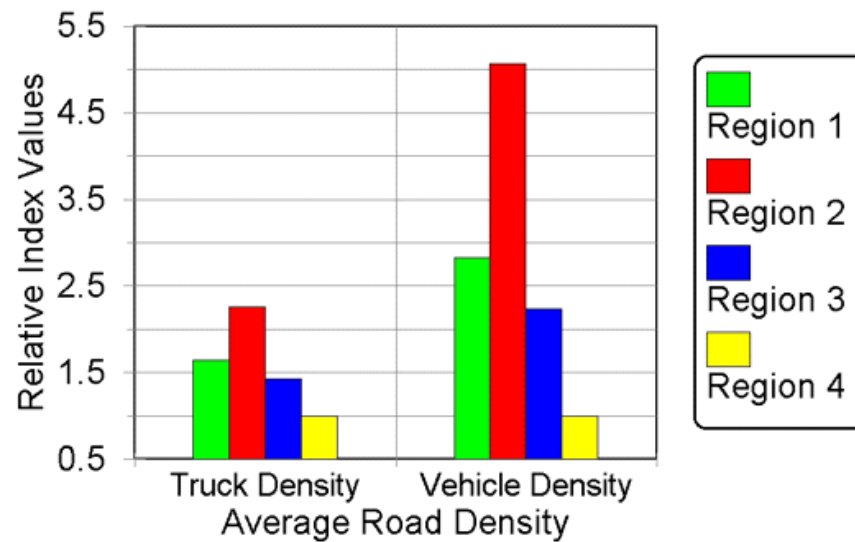
## Economic Factors

Region Comparisons



## Average Road Density

Vehicles per mile of road



## REGION TWO STATE ROAD NUMBERS AND NAMES

15	Interstate Route - I-15	186	North Temple
32	Heber-Francis-Kamas, Wanship Main Rd.	190	Knudsen Corners to and including Big Cottonwood Canyon
35	Francis-Woodland-Wolf Creek Pass Rd.	195	2300 E. Street, from I-80 to 4500 S.
36	Tooele County Main Arterial Road	196	Skull Valley Rd.
40	US-40 Silver Creek towards Heber	199	Dugway to Tooele - Johnson Pass Rd.
48	7000 S., 7200 S. and 7800 S. Streets	201	2100 S. Expressway
58	Wendover Main Street	202	Garfield cutoff to I-80
65	East Canyon - Big Mountain Rd.	209	9000 S. and 9400 S. Streets
68	Redwood Road	210	Wasatch Blvd. and Little Cottonwood Canyon Rd.
71	12300 S. and 700-900 E. Streets	215	Interstate Route - I-215
73	Tooele to Lehi - Five Mile Pass Rd.	224	Ontario Canyon - Park City - Kimball Junction
80	Interstate Route - I-80	248	Park City to Kamas route
84	Interstate Route - I-84	266	4700 S. and 4500 S. Streets
86	I-84 to Henefer Route	268	600 N. Street
89	US-89 State Street and Beck Street	269	500 S. and 600 S. Street connectors
111	8400 W. - Bacchus-Magna	270	West Temple Street
112	Grantsville - Tooele connection	280	I-80 to Coalville connector
138	I-80 - Grantsville - Mills Junction route	282	University of Utah roads
140	14400 S., Redwood Rd. to I-15	287	Utah State Prison connection
150	Mirror Lake Rd.	292	Salt Lake Community College roads
151	10400 S. and 10600 S. Streets	293	State Capitol grounds
152	Van Winkle Expressway, 2000 E.	299	West Valley Motor Vehicle grounds
154	Bangerter Highway	302	Rock Port State Park
171	3500 S. and 3300 S. Streets	317	UDOT-DPS Calvin Rampton Complex
172	5600 W. Street		
173	5400 S. and 5300 S. Streets		
184	State St. - around Capitol to Victory Rd.		



**4500 South I-215 Rapid Bridge Construction**